

# DEVELOPMENT CHALLENGES, SOUTH-SOUTH SOLUTIONS

E-newsletter of the United Nations Office for South-South Cooperation in UNDP



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## 1) Baker Cookstoves - Designing for the African Customer

An innovative social enterprise is using design to create an energy-efficient cookstove for Kenya. By turning to an experienced Swedish architecture and design firm, the people behind the Baker cookstove wanted to make sure the stove's design was as efficient as possible and relevant to the customers' needs, while also making sure it is visually appealing and something a person would proudly want in their home.

The Baker cookstove ([bakerproduct.com](http://bakerproduct.com)) has been designed to be a high-quality and desirable product that also accomplishes the goal of saving money for the user. This unique product is being developed and made at the company's factory in Nairobi, Kenya.

Baker's owner is Top Third Ventures Global ([toptthirdventures.com](http://toptthirdventures.com)), a social-impact company registered in Kenya and founded in 2011 by American Lucas Belenky and Björn Hammar, a Swedish/Finnish entrepreneur. Their goal is to make sure that everyone in the developing world has access to an affordable, high-quality efficient cookstove.

While cooking is a daily necessity for billions of people, it is also costly and polluting. By switching to energy-efficient cookstoves, families can reduce the cost of cooking daily meals and, if the stove is designed right, cut the amount of pollution generated. One of the great obstacles to the take-up of energy-efficient cookstoves to date has been the absence of sustainable business models to sell and distribute them.

The Baker cookstove, designed as an aspirational product and backed up with a seven-year guarantee, hopes to change this dynamic. If things go to plan, the company hopes to significantly scale up its production based on customers wanting to have a Baker cookstove proudly on display in their home.

The Baker cookstove is the product of a deliberate attempt to use design and a well-thought-out production life cycle to create an item that is eye-catching, effective, and manufactured consistently to a high standard.

Designed by Claesson Koivisto Rune (<http://www.ckr.se/>), a Swedish architecture and design firm, the Baker cookstove is a sleek, round, modern stove and comes in eye-catching colors such as orange. It could easily fit in with other kitchen products in a high-end design shop. And that is the point: they want people to want the Baker cookstove.

Quality is key, and engineering and design teams constantly monitor the product and make adjustments to the cookstove as they receive feedback from customers.

The Baker cookstove is benefiting from new financing being made available through carbon credits, which its founders believe will bring big changes to the energy-efficient cookstove market over the next 10 years.

Baker's chief executive, Lucas Belenky, told Southern Innovator magazine - this newsletter's sister publication - about the thinking behind the Baker cookstove.

SI: What role does design play in the Baker cookstove social enterprise? At what stage did Top Third Ventures start to think through the production life cycle for the Baker cookstove? What did you feel was missing in the other cookstove models currently available on the market?

The Baker cookstove is the cornerstone of the social enterprise. Top Third Ventures is at its core a product company. There are different aspects to the

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business model to make it work (i.e. carbon credits and big data) but everything depends on the success of the Baker product. We started thinking through the production life cycle from the day the company was founded in late 2011. The Baker is designed for usability, aspirational value, and performance, prioritized in that order. The most important thing is that the Baker is easy to use and does not require its users to change their daily routines or cooking habits. Cooking cultures vary greatly across the developing world so it is important to understand exactly who your customer is and focus on meeting their requirements. When you have a product that is easy to use it needs to be desirable as well. Beyond the service provided, the product should make the customer feel good about themselves. Finally, the Baker cooks the same food with half the fuel and much less smoke.

The priorities seem reversed for other cookstove models on the market. Efficiency comes first, then the aesthetic design, and cultural conformity is last. Hyper-efficient cookstoves are great for health and the environment on paper but the benefits are not realized because widespread adoption isn't achieved. Most products are imposed through a top-down approach instead of starting with the customer and designing the stove around them.

SI: Why did you choose to have the Baker cookstove designed by Claesson Koivisto Rune, a Swedish architecture and design firm? What were some of the challenges encountered when designing the product and the production life cycle? What advice do you have for other social enterprises looking to offer an appealing product to low-income households?

We wanted the Baker cookstove to be an aspirational product that you use as much because of the performance (less fuel and less smoke) as because it is beautiful. Claesson Koivisto Rune believed in our vision at a very early stage and I doubt we could have gotten where we are today without them. Challenges around the design mainly involve keeping the costs down. Our customers do not have a lot of disposable income so balancing affordability with performance and world-class design is tough.

For other entrepreneurs selling to low-income households my advice is identify your customer, listen to them, and never stop listening. This is obvious to most businesses but for social enterprises sometimes the grant organizations or other dispersers of donor funding become the customer without you noticing.

Finally, often just because the consumer is in a developing country, enterprises neglect aesthetic appeal and branding. Do not do this. Your consumer behaves for the most part like their counterpart in the developed world. They want products that look nice and make them feel good.

SI: What role is information technology playing in the Baker cookstove's development? How do mobile phones help with reaching customers in Africa? How does offering software products such as Top3Tracker help Baker cookstoves?

Information technology has a huge impact in decentralized areas because it enables cheap flow of information. For Top Third Ventures it allows us to track our sales in real-time, communicate with current and future customers instantly, and gain valuable insights about how to improve the sales pitch and marketing strategy. The Baker cookstoves also depends on carbon finance, which requires a dialogue with current customers to ensure the usage of the cookstove is accurately measured. Information technology such as our Top3 Tracker significantly reduces the cost of accessing carbon finance.

SI: It is said an innovator is somebody who disrupts existing products and ways of doing things. How is Top Third Ventures innovating and disrupting the current approach to energy-efficient cookstove distribution?

We hope to change the way products for low-income households are designed, marketed, and sold. Top Third Ventures' Baker cookstove embodies our conviction that these products should be customer-centric, have aspirational value, and conform to local cultures. The success of our product will show that consumers in the developing world want the same thing as their counterparts in developed countries.

Top Third is a partner of the Global Alliance for Clean Cookstoves ([cleancookstoves.org](http://cleancookstoves.org)).

#### **LINKS:**

- 1) Baker cookstove: The website details how the cookstove was developed. **Website:** [bakerproduct.com](http://bakerproduct.com)
- 2) Top Third Ventures: The company designs, manufactures, and sells its own unique efficient cookstoves made to fit the local cultures and traditions of their customers, supported by a strong brand and world-class customer communication. In addition, Top Third Ventures works with existing manufacturers and distributors to secure carbon financing for their activities through their programmatic CDM activity and electronic data management system. **Website:** [topthirdventures.com](http://topthirdventures.com)
- 3) Global Alliance for Clean Cookstoves: The Global Alliance for Clean Cookstoves calls for 100 million homes to adopt clean and efficient stoves and fuels by 2020. **Website:** [cleancookstoves.org](http://cleancookstoves.org)

## **2) Texting for Cheaper Marketplace Food with SokoText**

An international group of graduate-social entrepreneurs from the London School of Economics (LSE) is pioneering a way to reduce food prices in Kenya using mobile phones.

Answering a call to action to address global food insecurity by the Hult Prize ([hultprize.org](http://hultprize.org)), the team members looked at how they could make food cheaper for urban slum dwellers.

The Hult Prize, funded by Swedish educational entrepreneur and billionaire, Bertil Hult, is a start-up accelerator for budding young social entrepreneurs emerging from the world's universities. The winner receives US \$1 million and mentorship to make their idea become real.

SokoText ([sokotext.com](http://sokotext.com)) (soko means market in Swahili) uses SMS (short message service) messages from mobile phones to empower vegetable sellers and kiosk owners in slums when it comes to bargaining the price for wholesale fresh produce. SokoText makes it possible for them to benefit from bulk prices by pooling their orders together every day. Usually vendors lack the funds to buy in bulk and have to make numerous time-consuming trips to the centre of Nairobi to buy stock.

SokoText reduces the price of fresh produce by 20 per cent for kiosk owners by buying the produce earlier in the supply chain. SokoText then delivers the food to a wholesale outlet at the entrance to the slum.

This approach makes available a wider range of produce and reduces the price. And best of all, it will knock down prices for the poorest people and enable them to buy more food and better quality food.

The team behind SokoText come from a variety of countries - Colombia, Canada, Kenya, Britain and Germany.

Hatched at the LSE, the enterprise prototyped its service in Mathare Valley, Nairobi, Kenya for four weeks during the summer of 2013 with 27 users and began the second phase of testing in November 2013, working with a local NGO, Community Transformers (<https://www.facebook.com/pages/Community-Transformers-kenya/119937408165671>).

According to SokoText, slum dwellers spend on average 60 per cent of their daily budget on food.

Mobile phones can be transformative since they are now a common communications tool, even in slums.

On the SokoText website, respected blogger and commentator on technology in Africa, Erik Hersman (<http://whiteafrican.com/about/>), calls it "a fantastic low-tech approach that could really scale for decreasing the inefficiencies in urban slum markets."

SokoText's 21-year-old co-founder and chief executive, Suraj Gudka, explained the genesis of the project to news and technology in Africa website, 140Friday.com.

"From our research, the Mama Mboga (small-scale vegetable retailers) spend between 150 and 200 Kenyan shillings (US \$1.70 and US \$2.3) daily, about 25 per cent of her revenue, to buy her stock, and since they do not buy in bulk they [she] get their goods at a higher price."

Getting the market traders to cooperate is very difficult, Gudka found, because competition is fierce and trust is low. SokoText sees itself as a solution to this situation. By encouraging bulk buying by way of the SMS text service, there is no need to build trust between the traders before the produce is purchased.

"To use our service, the interested retailers would be required to send us an SMS every evening detailing what they need," said Gudka, "and then we will source the produce and they come pick it up from us the next morning. In this way they do not have to incur the additional costs of transporting their goods and it also saves them time."

SokoText is being incubated at the Nailab ([nailab.co.ke](http://nailab.co.ke)) in Nairobi, a startup accelerator that offers a three to 12 month entrepreneurship program, with a focus on growing innovative technology-driven ideas.

SokoText's summer pilot test confirmed taking the orders can work but found getting the product to the market in time was difficult.

The next step will be to set up a presence in the Mathare slum.

"We will be selling about seven to 10 different kinds of produce, and from our calculations, according to our projections for how much the Mama Mbogas buy every day, we hope to get 40-50 customers within three months," Gudka said.

#### **LINKS:**

- 1) SokoText: The website explains further how the service works. **Website:** [sokotext.com](http://sokotext.com)
- 2) Hult Prize: The Hult Prize Foundation is a not-for-profit organization dedicated to launching the world's next wave of social entrepreneurs. It encourages the world's brightest business minds to compete in teams to solve the planet's biggest challenges with innovative ideas for sustainable start-up enterprises. Annual Hult Prize winners can make their ideas reality with the help of US \$1 million in seed funding. **Website:** [hultprize.org](http://hultprize.org)
- 3) White African: Where Africa and Technology Collide! **Website:** <http://whiteafrican.com/about/>

- 4) Nailab: Nailab (Nairobi Incubation Lab) is a startup accelerator that offers an entrepreneurship program focusing on growing innovative technology driven ideas. This is done through providing business advice, technical training and support, professional mentoring and coaching, giving access to market and fostering strategic partnerships as well as linking them to investors. **Website:** [nailab.co.ke](http://nailab.co.ke)

### 3) Ethiopia and Djibouti Join Push to Tap Geothermal Sources for Green Energy

The rise of smartphones - mobile phones capable of Internet access and able to run 'apps' or applications - is the latest wave of the global connectivity revolution. Mobile phones rapidly made their way around the world to become almost ubiquitous - the most successful take-up of a piece of communications technology in history - and now smartphones are set to do the same. The number of mobile phone subscriptions in the world surpassed 6 billion in 2012 (out of a population of 7 billion) and, according to the International Telecommunications Union (ITU), the number of mobile phones will exceed the world's population by 2014.

Over the last five years, with the increasing popularity of smartphones, the focus of the mobile industry has shifted from voice and messaging to apps and data services.

Smartphones are complex pieces of technology and any country that can develop the capability to make them and innovate is set to make a lot of money.

The high export value potential of designing and making "computer equipment, office equipment, telecommunication equipment, electric circuit equipment, and valves and transistors" was flagged up as a priority for developing nations back in 2005 at a UN meeting looking for "New and Dynamic Sectors of World Trade" (UNCTAD).

At present, smartphones have a long way to go to surpass old-style mobile phones: by the end of 2016, according to Portio Research ([portioresearch.com](http://portioresearch.com)), the number of non-smartphones in the Asia-Pacific region alone will still be bigger than the entire worldwide number of all smartphones. Even so, it's predicted that by 2016, there will be 555 million active smartphones in China alone, as well as half a billion smartphones in Europe by the end of 2014. By 2013, North America's smartphones will make up 50 per cent of all mobile phones. All in all, a lucrative market.

The main factor holding back the rise of smartphones is price. Smartphones tend to cost more than a basic mobile phone. But as China gets more heavily involved in the smartphone marketplace with its own smartphone and mobile phone brands, low income consumers will find themselves with a wider choice of affordable and powerful smartphones, each one a mini-computer.

Out of the 10 largest global manufacturers of smartphones, four are Chinese: Lenovo, Yulong, Huawei and ZTE (Gartner).

Huawei (<http://www.huawei.com/en/>), the world's biggest smartphone seller (according to research firm Canalsys ([canalys.com](http://canalys.com)), has started to move some of its design team to London in the United Kingdom, to better tailor its products for foreign markets. It has revenues each year of US \$35 billion.

China's mobile phone market is vast, accounting for a third of all smartphones sold in the world. Getting a foothold in this marketplace places a company in a very strong position to build the expertise and capital to push into the wider global marketplace. And that is what Chinese brands are starting to do. So far, Chinese exports of branded smartphones make up a fifth of those sold around the world (Canalsys).

The big global competitors to date have been South Korea's Samsung ([samsung.com](http://samsung.com)) and the American Apple brand ([apple.com](http://apple.com)). Other large competitors are Canada's troubled Blackberry and Finland's Nokia.

To compete with them, popular and successful Chinese brands include Xiaomi ([xiaomi.cn](http://xiaomi.cn)), which sells more mobile phones in China than does the American Apple brand, and ZTE (<http://www.zte.com.cn/en/>).

For years, many of the top global brands have had their phones and the components manufactured in China. This meant Chinese manufacturers were assembling the phones but not benefiting from the high value that can be extracted from being the owner of the brand name and the originator of the innovation and holder of the copyrights and trademarks.

But now China's Lenovo brand (<http://www.lenovo.com/uk/en/>), for example, has successfully pulled past U.S. electronics maker Hewlett-Packard ([www.hp.com](http://www.hp.com)) to become the largest seller of personal computers in the world. It is also selling more mobile phones and tablet computers than personal computers.

Lenovo Chief Executive Yang Yuanqing espouses a two-part strategy to defend market share at home in China while going hard at overseas markets. Lenovo started with so-called emerging markets in Russia, India and Indonesia.

"We have very aggressive plans to explore overseas markets," Lenovo's mobile phone division head Liu Jun told China Daily. "We hope the overseas market will contribute more than half of Lenovo's total smartphone revenue in the long run."

Xiaomi founder Lei Jun is considered part of a new generation of dynamic Chinese technology leaders. His casual clothing and charismatic public presentations have had some equate him to the late Apple founder Steve Jobs. But Jun is not happy with selling smartphones and instead sees the company's future in software and that the phones are just a tool to access the software. Xiaomi hopes to make even more money from selling games, running online marketplaces and offering social media.

The Chinese-made smartphone brand Coolpad (<http://coolpadamericas.com/>) - made by Yulong Computer Telecommunication Scientific Co. - is the third best-selling in the Chinese marketplace, surpassing Huawei and Apple and has global annual revenue of US \$1.8 billion, according to Forbes magazine. Sino Market Research found 10.2 per cent of China's smartphone users own a Coolpad, behind Korean brand Samsung and China's Lenovo.

Coolpad has succeeded by investing heavily in research and development (R&D) and innovation to make the phones cheap but also powerful.

Innovations include technology that lets users have more than one phone number for the same phone by being able to connect to two different network technologies. The phones also include security and privacy protections that make them popular with businesspeople and government officials.

The Coolpad brand has also been frenetic in launching different models of the phones to appeal to its customers. In 2012, it launched 48 different models, selling for between US \$50 and US \$500.

Coolpad was launched in 2012 in the US as part of the company's global expansion plans.

China has placed innovation at the core of its economic development policies. China increased its R&D spending in 2009 to US \$25.7 billion, a 25.6 per cent rise over 2008, according to Du Zhanyuan, vice minister of the Ministry of Science and Technology. In 2011, China surpassed South Korea and Europe in total patents filed and was in a neck-and-neck race with Japan and the United States.

China now boasts twice as many Internet users as the United States, and is the main global maker of computers and consumer electronics, from toys to games consoles to digital everything.

China is also on course to become the world's largest market for Internet commerce and computing.

The drive to change and transform China's global economic role was promoted in 2011's Beijing International Design Week (<http://www.bjdw.org/en/>), with its theme of transforming "Made in China to Designed in China."

#### LINKS:

- 1) Iceland Review: A great way to learn about life on an island powered by geothermal energy. **Website:** [icelandreview.com](http://icelandreview.com)
- 2) Nordic Development Fund: The Nordic Development Fund (NDF) is the joint development finance institution of the five Nordic countries. The objective of NDF's operations is to facilitate climate change investments in low-income countries. **Website:** [ndf.fi](http://ndf.fi)
- 3) Icelandic International Development Agency (ICEIDA): The Icelandic International Development Agency (ICEIDA) is an autonomous agency under the Ministry of Foreign Affairs and is responsible for the implementation of official Icelandic bilateral development cooperation. It follows the Icelandic government's Act on Development Cooperation No 121/2008, which is in keeping with the UN Millennium Development Goals and other international commitments, such as the Monterrey Consensus on Financing for Development and the Paris Declaration on Aid Effectiveness. **Website:** [iceida.is](http://www.iceida.is/iceida)
- 4) Geothermal Exploration Project, NDF: The main objective of the Geothermal Exploration Project is to assist countries in East Africa to enhance geothermal knowledge and capacity in order to enable further actions on geothermal energy development in the respective countries. The project could extend to 13 countries in the East Africa Rift Valley: Burundi, Comoros, Djibouti, DR Congo, Eritrea, Ethiopia, Kenya, Malawi, Mozambique, Rwanda, Tanzania, Uganda and Zambia. **Website:** <http://www.iceida.is/iceida-projects/nr/1488>
- 5) Power Africa: Power Africa - an initiative to double the number of people with access to power in sub-Saharan Africa. Power Africa will achieve this goal by unlocking the substantial wind, solar, hydropower, natural gas, and geothermal resources in the region to enhance energy security, decrease poverty, and advance economic growth. **Website:** <http://www.usaid.gov/powerafrica>
- 6) Geological Survey of Ethiopia: The GSE has been generating , collecting and managing geoinformation of the country for the last 4 decades. **Website:** <http://www.gse.gov.et/index.php>
- 7) Home geothermal: A feature from Popular Mechanics on how geothermal can work in the home. **Website:** <http://www.popularmechanics.com/science/energy/hydropowergeothermal/4331401>

## 4) Tackling China's Air Pollution Crisis: An Innovative Solution

China reached an undesired landmark in 2013. While the country's impressive economic growth has amazed the world, it has come at a price: pollution. China recorded record levels of smog in 2013, with some cities suffering air pollution many times above what is acceptable for human health.

This is evidence of the perils of rapid industrialization using non-green technologies. China relies on coal burning, a highly polluting resource, for 70 to 80 per cent of its electricity. It also uses coal for factories and winter heating.

Burning coal causes smog, soot, acid rain, global warming, and toxic air emissions ([http://www.ucsusa.org/clean\\_energy/coalvswind/c01.html](http://www.ucsusa.org/clean_energy/coalvswind/c01.html)). Environmental group Greenpeace claims 83,500 people died prematurely in 2011 from respiratory diseases in Shandong, Inner Mongolia and Shanxi - the top three coal-consuming provinces in China.

Anyone visiting Beijing or other Chinese cities will notice the high levels of smog and how this interferes with access to sunshine and curbs visibility. Worse still for human beings and the environment, this level of pollution causes severe respiratory problems, and has the potential to cause a rise in cancer rates, among other health problems.

Beijing had record pollution levels in January 2013. That haze, according to China's Ministry of Environmental Protection, covered 1.43 million square kilometers.

Generated by industry and coal-fired power stations, particulate matter (<http://www.epa.gov/pm/>) or PM, is a complex mix of extremely small particles and liquid droplets. Particle pollution is made up of a number of components, including acids (such as nitrates and sulfates), organic chemicals, metals, and soil or dust particles.

In October 2013, Beijing announced a series of emergency measures to tackle the record high levels of pollution and smog (<http://edition.cnn.com/2013/10/23/world/asia/china-beijing-smog-emergency-measures/index.html>). The Heavy Air Pollution Contingency Plan uses a color-coded warning system if serious pollution levels occur in three consecutive days. This means kindergartens, primary and middle schools will need to stop classes. Eighty per cent of government cars must come off the roads and private cars can only enter the city on alternate days based on a ballot system. Emergency measures will come into play when the air quality index for fine particulate matter, called PM2.5 (<http://www.epa.gov/pmdesignations/faq.htm#0>) - very fine particles that lodge in the lungs and are very harmful to human health - exceed 300 micrograms per cubic meter for three days in a row. According to the World Health Organization (WHO), the safe limit for human beings is 20 micrograms (<http://www.who.int/mediacentre/factsheets/fs313/en/>).

The only serious, long-term solution is to switch to non or low-polluting green energy sources. But, meanwhile, some are coming up with stop-gap measures that also help to educate people about the necessity to do away with this major threat to human health.

Dutch designer Daan Roosegaarde ([studioroosegaarde.net](http://studioroosegaarde.net)) thinks he has a temporary solution to the pollution problem - a "vacuum cleaner" to clean up the sky. And the city of Beijing is taking the solution seriously.

The proposed technology works like this: a system of buried coils of copper produce an ion electrostatic field that attracts smog particles. The particles are magnetized and are drawn downwards, creating a gap of clean air above the coil.

Called the Smog project, it is already under discussion with the mayor of Beijing. An animation video explains how it works: <http://studioroosegaarde.net/video/the-smog-project/>.

Talking to CNN, Roosegaarde likened the science behind the invention to what happens when "you have a balloon which has static (electricity) and your hair goes toward it. Same with the smog."

In a deal with the Beijing city government, the technology will be tested in the city's parks.

Roosegaarde has successfully tested the technology indoors and found it worked in the experiment.

He told CNN: "Beijing is quite good because the smog is quite low, it's in a valley so there's not so much wind. It's a good environment to explore this kind of thing."

"We'll be able to purify the air and the challenge is to get on top of the smog so you can see the sun again."

Roosegaarde thinks that successfully running the experiment in a Beijing park makes a radical statement and shows the benefits of breathing clean air and being able to see the sun on most days.

But he is not deluded that this is the final solution for pollution: "This is not the real answer for smog. The real answer has to do with clean cars, different industry and different lifestyles."

With many people resigned to the pollution, at least for now, China's entrepreneurs are making the face masks and air filters people wear to protect their lungs from the pollution more fashionable and appealing to look at, the South China Morning Post reported.

Xiao Lu, a saleswoman at Panfeng Household Products, explained the varying fashion tastes in masks: "Young people tend to like bright colors. Men prefer blue or black masks. Right now, UV proof masks are popular."

Lu told the newspaper that customers make their decisions based on comfort and price.

Popular brands include Respro (<http://respro.com/>), Totobobo ([totobobo.co.uk](http://totobobo.co.uk)) and 3M9010 ([http://solutions.3m.com/wps/portal/3M/en\\_US/3M-PPE-Safety-Solutions/Personal-Protective-Equipment/Products/Product-Catalog/?N=5022986&rt=c3](http://solutions.3m.com/wps/portal/3M/en_US/3M-PPE-Safety-Solutions/Personal-Protective-Equipment/Products/Product-Catalog/?N=5022986&rt=c3)).

But, why not just move out of cities and avoid breathing bad air? Things are not that simple from an economic perspective. The South China Morning Post quoted Rena from Urumqi in China's western Xinjiang province, who came to Beijing for the better job opportunities.

"Going back to Urumqi means less job opportunities and the air is not necessarily better," she said. "Staying in Beijing means wearing a mask most days. It's not very comfortable."

"But I can't cover my face forever," she said. "I'd prefer to live in a cleaner environment."

#### **LINKS:**

- 1) eChinacities: Waiting to Exhale: Guide to Buying Face Masks in China. **Website:** <http://www.echinacities.com/expat-corner/Waiting-to-Exhale-Guide-to-Buying-Face-Masks-in-China>
- 2) Pollution-China.com: Living in China despite the pollution. **Website:** <http://www.pollution-china.com/vmchk/RESPRO-masks/View-all-products.html>
- 3) My Health Beijing: A family doctor's evidence-based guide to wellness and public health. **Website:** <http://www.myhealthbeijing.com/china-public-health/respro-vs-totobobo-which-mask-works-better-for-air-pollution/>
- 4) Dutch Design in Development: DDiD is the agency for eco design, sustainable production and fair trade. We work with Dutch importers and designers and connect them to local producers in developing countries and emerging markets. Together products are made that are both profitable and socially and environmentally sustainable. **Website:** <http://www.ddid.nl/english/>
- 5) Youth Coal power: A map of China's 2,300 coal-burning plants. **Website:** <http://world.time.com/2013/12/13/one-map-shows-you-why-pollution-in-china-is-so-awful/>

## **WINDOW ON THE WORLD**

Check out our website archive: [southerninnovator.org](http://southerninnovator.org)

Southern Innovator (ISSN 2222-9280) magazine's fourth issue is now online and print copies are available for distribution. The fourth issue's theme is on cities and urbanization. View the issue online here:

<http://www.scribd.com/doc/133622315/Southern-Innovator-Magazine-Issue-4-Cities-and-Urbanization>. Contact us about opportunities to sponsor this issue or any future issues and we can send you more information on how it works.

Issue 5, on waste and recycling, is complete and will be published soon. Please contact the United Nations Office for South-South Cooperation if you would like a copy (copies) of Southern Innovator (<http://ssc.undp.org/content/ssc.html>).

**The covers for issues 2, 3 and 4 are below:**



Issue 2 on Youth and Entrepreneurship; Issue 3 on Agribusiness and Food Security, Issue 4 on Cities and Urbanization are available. Issue 5 is also in the works for early 2014 release.

Follow us on Twitter @SouthSouth1

Issue 1 of Southern Innovator was called "...a terrific tour de force of what is interesting, cutting edge and relevant in the global mobile/ICT space..."

Also check out our South South Expo: 2012's Expo was held in Vienna, Austria: [southsouthexpo.org](http://southsouthexpo.org)

## BOOKS

**NEW:** *Human Development Report 2013: The Rise of the South*. The 2013 Human Development Report examines the profound shift in global dynamics driven by the fast-rising new powers of the developing world and its long-term implications for human development. **Website:** <http://hdr.undp.org/en/mediacentre/humandevelopmentreportpresskits/2013report/>

*Human Development Reports*, (1990-2013). **Website:** <http://hdr.undp.org/en/reports/global/hdr2011/>

*The New Harvest: Agricultural Innovation in Africa* by Calestous Juma, Publisher: Oxford University Press. **Website:** [http://belfercenter.ksg.harvard.edu/publication/20504/new\\_harvest.html](http://belfercenter.ksg.harvard.edu/publication/20504/new_harvest.html)

**NEW:** *Edible Insects: Future prospects for food and feed security*, Publisher: FAO. **Website:** <http://www.fao.org/docrep/018/i3253e/i3253e00.htm>

*Innovative Africa: The New Face of Africa: Essays on the Rise of Africa's Innovation Age* by Will Mutua and Mbwana Ally, Publisher: Afrinnovator. **Website:** <http://book.afrinnovator.com/>

*The Solution Revolution* by William D. Eggers and Paul Macmillan, Publisher: Harvard Business Press. Where tough societal problems persist, citizens, social enterprises, and yes, even businesses, are relying less and less on government-only solutions. More likely, they are crowd funding, ride-sharing, app-developing or impact-investing to design lightweight solutions for seemingly intractable problems. No challenge is too daunting, from malaria in Africa to traffic congestion in California. **Website:** [solutionrevolutionbook.com](http://solutionrevolutionbook.com)

*Aid on the Edge of Chaos* by Ben Ramalingam, Publisher: Oxford University Press. **Website:** <http://aidontheedge.info/>

*Big Data: A Revolution That Will Transform How We Live, Work and Think* by Viktor Mayer-Schonberger and Kenneth Cukier, Publisher: John Murray. **Website:** [amazon.com](http://amazon.com)

*The New Digital Age: Reshaping the Future of People, Nations and Business* by Eric Schmidt and Jared Cohen, Publisher: John Murray. **Website:** [amazon.com](http://amazon.com)

*Interconnected Economies: Benefiting from Global Value Chains*, Publisher: OECD. **Website:** <http://www.oecd.org/sti/ind/global-value-chains.htm>

*Need, Speed and Greed: How the New Rules of Innovation Can Transform Businesses, Propel Nations to Greatness, and Tame the World's Most Wicked Problems* by Vijay Vaitheeswaran, Publisher: HarperBusiness. **Website:** [amazon.com](http://amazon.com)

*Living in the Endless City* edited by Ricky Burdett and Deyan Sudjic, Publisher: Phaidon. The city is the subject of the 21st century. All over the world, populations are shifting towards urban centres. Living in the Endless City depicts an authoritative survey of cities of today and the prospects for our urban future of tomorrow. 36

contributors from across Europe, South America, China, Africa and the U.S. set the agenda for the city - detailing its successes as well as its failures. Website: <http://www.urban-age.net/publications/living-in-the-endless-city/> *Consumptionomics: Asia's Role in Reshaping Capitalism* by Chandran Nair, Publisher: Infinite Ideas. **Website:** [amazon.com](http://amazon.com)

*World 3.0: Global Prosperity and How to Achieve It* by Pankaj Ghemawat, Publisher: Harvard Business School Press. **Website:** [amazon.com](http://amazon.com)

*The Idealist: Jeffrey Sachs and the Quest to End Poverty* by Nina Munk, Publisher: Doubleday. In 2006, Sachs launched the Millennium Villages Project, a daring five-year experiment designed to test his theories in Africa. For the past six years, Nina Munk has reported deeply on the Millennium Villages Project, accompanying Sachs on his official trips to Africa and listening in on conversations with heads-of-state, humanitarian organizations, rival economists, and development experts. **Website:** [amazon.com](http://amazon.com)

*Breakout Nations* by Ruchir Sharma, Publisher: Penguin. Breakout Nations offers journeys through more than two dozen of the most interesting economies in the emerging world. **Website:** <http://breakoutnations.com/>

*Light Manufacturing in Africa* by Hinh T. Dinh et al, Publisher: World Bank. This book examines how light manufacturing can offer a viable solution for sub-Saharan Africa's need for structural transformation and productive job creation, given its potential competitiveness based on low wage costs and an abundance of natural resources that supply raw materials needed for industries. **Website:** <http://issuu.com/world.bank.publications/docs/9780821389614>

*China: And the End of Poverty in Africa – Towards Mutual Benefit?* by Penny Davis, Publisher: Diakonia and the European Network on Debt and Development. **Website:** [www.eurodad.org/uploadedFiles/Whats\\_New/Reports/Kinarapport\\_A4.pdf](http://www.eurodad.org/uploadedFiles/Whats_New/Reports/Kinarapport_A4.pdf)

*State of the Field in Youth Enterprise, Employment, and Livelihoods Development*, Publisher: Making Cents International. This practical resource features learning from over 80 leading organizations that are working around the world to increase and improve economic opportunities for young people. Topics include youth enterprise development; workforce development; youth-inclusive financial services; working with adolescent girls and young women; and monitoring, evaluation and impact assessment. **Website:** [www.YouthEconomicOpportunities.org/media.asp](http://www.YouthEconomicOpportunities.org/media.asp)

*Vitamin Green: The Definitive Guide to the World of Contemporary Sustainable Design: Features 100 Innovative Projects from Around the World* by editors of Phaidon Press, Publisher: Phaidon Press. **Website:** <http://uk.phaidon.com/store/architecture/vitamin-green-9780714862293/>

*Makers: The New Industrial Revolution* By Chris Anderson, Publisher: Crown Business. **Website:** [amazon.com](http://amazon.com)

*World Economic Outlook, October 2012: Coping with High Debt and Sluggish Growth*, Publisher: IMF. **Website:** [eurospangroup.com](http://eurospangroup.com)

*Information Economy Report 2012: The Software Industry and Developing Countries*, Publisher: United Nations Publications. **Website:** [eurospangroup.com](http://eurospangroup.com)

*China and India: Towards Global Economic Supremacy?* by Rita Dulci and Jose Miguel Andreu, Publisher: Academic Foundation. **Website:** [eurospanbookstore.com](http://eurospanbookstore.com)

*Devaluing to Prosperity: Misaligned Currencies and Their Growth Consequences* by Surjit S. Bhalla, Publisher: Peterson Institute for International Economics. **Website:** [eurospanbookstore.com](http://eurospanbookstore.com)

*The Production and Distribution of Knowledge in the United States* by Fritz Machlup, Publisher: Princeton University Press. The Production and Distribution of Knowledge in the United States marked the beginning of the study of our postindustrial information society. Austrian-born economist Fritz Machlup had focused his research on the patent system, but he came to realize that patents were simply one part of a much bigger "knowledge economy." He then expanded the scope of his work to evaluate everything from stationery and typewriters to advertising to presidential addresses - anything that involved the activity of telling anyone anything. The Production and Distribution of Knowledge in the United States then revealed the new and startling shape of the U.S. economy. **Website:** [amazon.com](http://amazon.com)

*Chinnovation: How Chinese Innovators are Changing the World* by Yinglan Tan, Publisher: John Wiley & Sons. **Website:** [amazon.com](http://amazon.com)

*Hello World: Where Design Meets Life* by Alice Rawsthorn, Publisher: Hamish Hamilton. **Website:** [amazon.com](http://amazon.com) *Urgent Architecture: 40 Sustainable Housing Solutions for a Changing World* by Bridgette Meinhold, Publisher: W.W. Norton & Co. **Website:** [amazon.com](http://amazon.com)

*When the Money Runs Out: The End of Western Affluence* by Stephen D. King, Publisher: Yale Books. **Website:** [amazon.com](http://amazon.com)

*Architecture Now! Vol. 9* by Philip Jodidio, Publisher: Taschen. Architecture Now! 9 includes works in Amsterdam and Inner Mongolia by architects as famous as Zaha Hadid and Jean Nouvel, and those as little known to the general public as Carla Juaçaba from Brazil. **Website:** [tashcen.com](http://tashcen.com)

## **Papers and Reports**

Latest publications from UNRISD in Geneva on the Social and Solidarity Economy:  
Think pieces by Meyer and Leal on Community Development Banks in Brazil, by Richards and Ruddick on Complementary Currencies in Kenya. and by Larraitz Altuna-Gabilondo on the Mondragon cooperative in Spain.

The SSE conference event brief is now available in English, French and Spanish at  
[http://www.unrisd.org/80256B3C005BCCF9/%28httpPublicationsHome%29/\\$First?OpenDocument](http://www.unrisd.org/80256B3C005BCCF9/%28httpPublicationsHome%29/$First?OpenDocument)

The new Social and Solidarity Economy LinkedIn group is stimulating dialogue and networking between practitioners, researchers and policy makers around the world. We invite you to join the group today. As a member you can exchange ideas about SSE, inform others of your work and get connected to colleagues from all over the world. You are welcome to post comments in your preferred language, and becoming a member is free of charge. Please share the webpage with your networks: [http://www.linkedin.com/groups/Social-Solidarity-Economy-5117299/about?trk=anet\\_ug\\_grppro](http://www.linkedin.com/groups/Social-Solidarity-Economy-5117299/about?trk=anet_ug_grppro)

Clean Air Asia Study 2012: **Website:** <http://cleanairinitiative.org/portal/node/11338>

African Economic Outlook 2012: Promoting Youth Employment Publisher: Various. With almost 200 million people aged between 15 and 24, Africa has the youngest population in the world. This number will double by 2045. Many jobs have been created over the last decade, but the pace needs to accelerate significantly to match the demand of Africa's next generations. **Website:** <http://www.africaneconomicoutlook.org/en/>

State of China's Cities: 2010/2011: Better City, Better Life Publisher: UNHABITAT. **Website:** [www.scribd.com/doc/39882697/State-of-China-s-Cities-Report-2010-2011](http://www.scribd.com/doc/39882697/State-of-China-s-Cities-Report-2010-2011)

Still our Common Interest: Commission for Africa Report 2010 Publisher: Commission for Africa **Website:** [www.commissionforafrica.info/2010-report](http://www.commissionforafrica.info/2010-report)

The Emerging Middle Class in Developing Countries Publisher: OECD. **Website:** [www.oecdlibrary.org/oecd/content/workingpaper/5kmmp8lncrns-en\(PDF - 2.09 mb\)](http://www.oecdlibrary.org/oecd/content/workingpaper/5kmmp8lncrns-en(PDF - 2.09 mb))

The Implications of China's Ascendancy for Africa by Hany Besada, Publisher: The Centre for International Governance Innovation. This paper examines the extent to which China's engagement with Africa has produced mutual benefits for both and whether Africa is reaping the necessary benefits required for poverty alleviation and economic development. **Website:** [http://www.cigionline.com/sites/default/files/Paper\\_40-web.pdf](http://www.cigionline.com/sites/default/files/Paper_40-web.pdf)

Global Economic Decoupling Alive and Well Emerging economies decouple from the U.S., come closer to Europe. **Website:** <http://www.marketoracle.co.uk/Article23670.html>

Africa begins to make poverty history: U.S. economists challenge conventional view that the continent is a basket case **Website:** [www.guardian.co.uk/business/2010/mar/03/africa-makes-poverty-history](http://www.guardian.co.uk/business/2010/mar/03/africa-makes-poverty-history)

The Demise of the Rest: on How the BRICS Are Crumbling and Why Global Economic Convergence Is a Myth by Ruchir Sharma, Publisher: Foreign Affairs. **Website:** <http://www.foreignaffairs.com/articles/138219/ruchir-sharma/broken-brics>

Meteoric Mongolia: Why It's Ascending So Fast – And How It Might Fall by Morris Rossabi, Publisher: Foreign Affairs. **Website:** <http://www.foreignaffairs.com/articles/138794/morris-rossabi/meteoric-mongolia>

## **Magazines**

**Southern Innovator Issue 1: Mobile Phones and Information Technology** Publisher: UN Office for South-South Cooperation. **Website:** <http://www.scribd.com/doc/95410448/Southern-Innovator-Magazine-Issue-1-Mobile-Phones-and-Information-Technology>

**Southern Innovator Issue 2: Youth and Entrepreneurship** Publisher: UN Office for South-South Cooperation. **Website:** <http://www.scribd.com/doc/106055335/Southern-Innovator-Magazine-Issue-2-Youth-and-Entrepreneurship>

**Southern Innovator Issue 3: Agribusiness and Food Security** Publisher: UN Office for South-South Cooperation. **Website:** <http://www.scribd.com/doc/106055665/Southern-Innovator-Magazine-Issue-3-Agribusiness-and-Food-Security>

**Southern Innovator Issue 4: Cities and Urbanization** Publisher: UN Office for South-South Cooperation. **Website:** <http://www.scribd.com/doc/133622315/Southern-Innovator-Magazine-Issue-4-Cities-and-Urbanization>

## **New Publication**

**Southern Innovator Issue 4: Cities and Urbanization: The Global South's Increasing Urbanization: Challenges to City Living** Publisher: UN Office for South-South Cooperation in UNDP. Southern Innovator's

fourth issue goes to the new cities being built to tackle the challenges of the 21st century and the rapidly urbanizing global South. Order copies for distribution from the UN Office for South-South Cooperation in UNDP. ISSN 2222-9280 ISBN 978-0-9920217-0-2 Website: <http://www.scribd.com/doc/133622315/Southern-Innovator-Magazine-Issue-4-Cities-and-Urbanization>

## **On the Web**

### **Blogs and Websites**

**Raspberry Pi:** The Raspberry Pi is a credit-card sized computer that plugs into your TV and a keyboard. It's a capable little PC which can be used for many of the things that your desktop PC does, like spreadsheets, word-processing and games. It also plays high-definition video. Raspberry Pi want to see it being used by kids all over the world to learn programming. **Website:** [raspberrypi.org](http://raspberrypi.org)

**African Robotics Network:** The African Robotics Network (AFRON) is a community of institutions, organizations and individuals engaged in robotics in Africa. AFRON seeks to promote communication and collaborations that will enhance robotics-related education, research and industry on the continent. To achieve this, AFRON organizes projects, meetings and events in Africa at robotics and automation conferences abroad. **Website:** <http://robotics-africa.org/>

**Polis:** A collaborative blog about cities around the globe. **Website:** <http://www.thepolisblog.org/2012/03/coca-cola-in-africa.html>

**mDirectory:** The mDirectory is the most comprehensive database of information on mobile tech for social change on the Web: case studies, mobile tools, research, and how-to guides. **Website:** <http://mobileactive.org/directory>

**Global Development:** Launched in September 2010, this website from the Guardian newspaper tracks progress on the MDGs, encourages debate on its blogs, offers a rich store of datasets from around the world, and features monthly podcasts and resources for schools. **Website:** [www.guardian.co.uk/global-development](http://www.guardian.co.uk/global-development)

### **Focus on Land in Africa**

Focus on Land in Africa (FOLA) is an educational resource for development practitioners and policy makers that explores how land and natural resource rights affect, and are effected by, development in Africa. Through raising awareness of these issues, FOLA aims to elevate land and natural resource rights as an urgent priority for development in Africa. **Website:** [http://www.focusonland.com/?utm\\_source=Com+Plotlines+-+OCT+2013&utm\\_campaign=4+Plotlines+SEPT+2013+Plots&utm\\_medium=email](http://www.focusonland.com/?utm_source=Com+Plotlines+-+OCT+2013&utm_campaign=4+Plotlines+SEPT+2013+Plots&utm_medium=email)

### **India Water Tool**

The India Water Tool (IWT) is a country customization of the Global Water Tool, and has been developed by a 14 company working group based in India. The companies pooled their expertise to obtain the best available data on ground water availability and quality in India and customize the tool to their country context. The tool will help companies respond to the growing challenges of managing water effectively in this large, water scarce country. **Website:** <http://www.wbcsd.org/indiawatertool.aspx>

### **International Development Economics Associates (IDEAs)**

International Development Economics Associates (IDEAs) is a pluralist network of progressive economists across the world, engaged in research, teaching and dissemination of critical analyses of economic policy and development. **Website:** [www.networkideas.org/](http://www.networkideas.org/)

OECD: Tackling the economic crisis website

The global economic crisis is entering a new phase amid signs of a return to positive growth in many countries. But unemployment is likely to remain **Website:** <http://www.oecd.org/general/tacklingthecrisisastrategicresponse.htm>

The Global Urbanist: News and analysis of cities around the world: planning, governance, economy, communities, environment, international. **Website:** [globalurbanist.com](http://globalurbanist.com)

ICT Update: A bimonthly printed bulletin, a web magazine, and an accompanying email newsletter that explores innovative uses of information technology in agriculture and rural development in African, Caribbean and Pacific (ACP) countries. **Website:** <http://ictupdate.cta.int/en/Regulars/Perspectives/%28issue%29/56>

Youth-Inclusive Financial Services (YFS-Link) Program website: The first space for financial services providers (FSPs) and youth-service organizations (YSOs) to gather, learn and share about youth-inclusive financial services. **Website:** <http://www.makingcents.com/ourWork/yfsLink.php>

Triple Crisis Blog: Global Perspectives on Finance, Development and Environment. **Website:** <http://triplecrisis.com/>

Full Disclosure: The Aid Transparency Blog: A Devex blog, written by members of the international community. **Website:** [www.devex.com/en/blogs/full-disclosure](http://www.devex.com/en/blogs/full-disclosure)

Africa Portal: An online knowledge resource offering researchers and opinion leaders a forum to share their insights on Africa and publish their work on pressing areas of concern to policymakers and the public. It aims to fill the gap in accessibility to research and information on policy issues on the continent. **Website:** [africaportal.org](http://africaportal.org)

African Economic Outlook: A unique online tool that puts rigorous economic data, information and research on Africa at your fingertips. A few clicks gives access to comprehensive analyses of African economies, placed in their social and political contexts. This is the only place where African countries are examined through a common analytical framework, allowing you to compare economic prospects at the regional, sub-regional and country levels. **Website:** [africaneconomicoutlook.org/en](http://africaneconomicoutlook.org/en)

Africa Renewal: The Africa Renewal information programme, produced by the Africa Section of the United Nations Department of Public Information, provides up-to-date information and analysis of the major economic and development challenges facing Africa today. **Website:** [www.un.org/ecosocdev/geninfo/afrec/](http://www.un.org/ecosocdev/geninfo/afrec/)

Timbuktu Chronicles: A blog by Emeka Okafor

With "a view of Africa and Africans with a focus on entrepreneurship, innovation, technology, practical remedies and other self-sustaining activities." **Website:** <http://timbuktuchronicles.blogspot.com/>

AfriGadget: AfriGadget is a must-read for African invention junkies. They are always on the look out for ingenious innovation that is new or a repurposing of existing technology in a new way, interesting in the sense that the story captures the imagination of others, inspiring others to see solutions in uncommon ways, practical ideas that solve problems in a demonstrable way, and entrepreneurs who are inventing new products or solutions. **Website:** [afrigadget.com](http://afrigadget.com)

### **Interesting Blogger**

**Emeka Okafor, Timbuktu Chronicles:** Emeka Okafor is an entrepreneur and venture catalyst who lives in New York City. He is the curator of Maker Faire Africa. He was the director for TED Global 2007 that took place in Arusha, Tanzania. In addition he is a member of the TED fellowship team. His interests include sustainable technologies in the developing world and paradigm-breaking technologies in general. His blog, Timbuktu Chronicles, seeks to spur dialogue in areas of entrepreneurship, technology and the scientific method as it impacts Africa. **Website:** <http://timbuktuchronicles.blogspot.co.uk/>

### **Notable Websites**

#### **UNRISD**

The United Nations Research Institute for Social Development (UNRISD) is an autonomous research institute within the UN system that undertakes multidisciplinary research and policy analysis on the social dimensions of contemporary development issues. UNRISD's new website is packed with resources and publications and always has a new event worth checking out. **Website:** [http://www.unrisd.org/](http://www.unrisd.org)

### **Social Media**

#### **Africa Entrepreneurship Platform**

This ground breaking initiative is created as a forum to showcase innovative ideas and businesses from Africa that have the ability to scale internationally, driving job creation and sustainable economic development between Africa and the Americas. **Website:** [www.sacca.biz](http://www.sacca.biz)

AfriGadget on Facebook: 'Solving everyday problems with African ingenuity': **Website:** [www.facebook.com/group.php?gid=2402629579](http://www.facebook.com/group.php?gid=2402629579)

### **Start-up Funding**

#### **Venture Capital for Africa**

Venture Capital for Africa ([www.vc4africa.biz](http://www.vc4africa.biz)) is the continent's leading founder's network, the largest and fastest growing community of entrepreneurs and investors building promising companies in Africa. The community currently supports more than 1000 + ventures in more than 30 African countries. Already entrepreneurs have been featured in mainstream media, established joint ventures and secured funding. **Website:** <https://vc4africa.biz/>

#### **Ashoka - Innovators for the Public**

To support social entrepreneurs who are leading and collaborating with changemakers, in a team of teams model that addresses the fluidity of a rapidly evolving society. Ashoka believes that anyone can learn and apply the critical skills of empathy, team work, leadership and changemaking to be successful in the modern world.

**Website:** <https://www.ashoka.org/>

### **Betterplace**

Betterplace.org is a transparent online donation platform. 5,818 projects already use the free technology and advice – and 392,264 donors have enthusiastically contributed. **Website:** <http://www.betterplace.org/en>

## **Hubs!**

They are sprouting up all over the place and now there is a map showing where they are in Africa. Website: <https://africahubs.crowdmap.com/#> And there are 18 in Latin America too. **Website:** <http://thenextweb.com/la/2012/08/11/18-latin-american-tech-hubs-know/>

## **The SEED Initiative**

Hosted by the UN Environment Programme's World Conservation Monitoring Centre (UNEP-WCMC), the SEED Initiative is a global partnership for action on the Green Economy. The annual SEED Awards help to develop the most promising social and environmental start-ups in emerging economies and developing countries.

**Website:** <http://unep.org/newscentre/Default.aspx?DocumentID=2647&ArticleID=8798&l=en>

## **The Pioneers of Prosperity Grant and Award**

This competition is a partnership between the OTF Group and the John F. Templeton Foundation of the United States, and promotes companies in East Africa by identifying local role models that act as examples of sustainable businesses in their country/region. It is open to businesses from Kenya, Uganda, Tanzania, Burundi and Rwanda. Five pioneers will receive US \$50,000 to re-invest in their business. It is open to for-profit businesses that provide high wages to their workers and that operate in sustainable ways.

**Website:** <http://pioneersofprosperity.org/index.php>

## **Oxford Said Business School Youth Business Development Competition**

Open to youth between 16 and 21 across the world, the competition is run by students at Oxford University to promote social enterprise. A prize fund of £2,000 in seed capital is up for grabs. It calls itself the 'world's first global youth development competition'.

**Website:** [www.sbs.ox.ac.uk/oba/se/ybd](http://www.sbs.ox.ac.uk/oba/se/ybd)

## **Challenge**

InnoCentive ([www.innocentive.com/](http://www.innocentive.com/)) is a challenge to the world's inventors to find solutions to real scientific and technological problems affecting the poor and vulnerable. It is an open marketplace where anybody with a problem can post it, and rewards for effective solutions stretch up to US \$100,000. They use rigorous intellectual property protection so ideas are not stolen without credit being given to the inventor. **Website:** [www.rockfound.org/about\\_us/news/2007/0720first\\_seeker.shtml](http://www.rockfound.org/about_us/news/2007/0720first_seeker.shtml)

## **Rwanda Innovation Endowment Fund (RIEF)**

Rwanda Research Innovation Endowment Fund (RIEF) was established and is managed by the Government of Rwanda, through the Ministry of Education (MINEDUC) in partnership with UNECA (SRO-EA & ISTD) under One UN Rwanda. The objective of this Fund is to stimulate economic transformation through R&D in innovative market-oriented products and processes in priority areas of the economy, thereby increasing prosperity and the competitiveness of the Rwandan economy. The orientation can be either for economic growth, social development or combination of the two. **Website:** <http://www.mineduc.gov.rw/spip.php?article21>

## **The Innovation Prize for Africa (IPA)**

The United Nations Economic Commission for Africa (ECA) and the African Innovation Foundation (AIF) are delighted to announce the call for applications for the 2013 Innovation Prize for Africa (IPA). Too often, innovators and entrepreneurs are not highly profiled on the African development agenda. It is IPA's mission to elevate attention around innovative work and help support the vision of entrepreneurs. The prize honours and encourages innovative achievements that contribute towards the development of new products, increased efficiency or cost savings in Africa. The prize also promotes the efforts of young African men and women pursuing science, technology and engineering careers as well as business opportunities that aim to contribute to sustainable development in Africa. **Website:** <http://innovationprizeforafrica.org/>

## **Video**

Forum for the Future: Compelling animated videos exploring the hard choices of an urbanizing world and the need to promote sustainable development and environmental harmony. **Website:** <http://www.youtube.com/user/forumforthefuture96>

## **EVENTS**

Have an event you would like the South-South community to know about? Then send details to [developmentchallenges@googlemail.com](mailto:developmentchallenges@googlemail.com).

## **2013**

### **December**

#### **Launch of the Information Economy Report 2013** (3 December 2013)

**Website:** <http://unctad.org/en/Pages/MeetingDetails.aspx?meetingid=301>

## **2014**

## January

Have an event you would like the South-South community to know about? Then send details to [developmentchallenges@googlemail.com](mailto:developmentchallenges@googlemail.com).

## February

### **World Congress on Agroforestry 2014**

Delhi, India (10-14 February 2014)

The Congress, entitled '**Trees for Life: Accelerating the Impacts of Agroforestry**', will draw over 1200 selected participants from the private, research and development sectors to share the current state of knowledge and accelerate the positive financial, environmental and social impacts of agroforestry.

**Website:** <https://b-com.mci-group.com/Registration/WCA2014.aspx>

## AWARDS AND FUNDING

### **World Habitat Awards 2014**

New deadline for World Habitat Award submissions: the World Habitat Awards will now be presented at the World Urban Forum and UN-Habitat Governing Council events in April of each year, increasing opportunities for international exposure, networking and dissemination of the award winning approaches. The timetable for the awards is therefore being adjusted and the closing date for submissions for the current cycle of the World Habitat Awards is now **2 May 2014**. **Website:** <http://www.worldhabitatawards.org/enter/?lang=00>

### **Mayors Challenge**

Innovation comes from an intentional process of experimentation and exploration. The 2013–2014 Mayors Challenge is an ideas competition for European cities—a chance to win funding for a bold new solution to a major urban challenge. It exists to bring powerful new ideas to life—not only to help your own city, but to encourage others to adopt creative approaches as well. **Website:** <http://mayorschallenge.bloomberg.org/index.cfm?objectid=58B735E0-1A4E-11E3-8975000C29C7CA2F>

### **The EU Contest for Young Scientists**

The European Union (EU) Contest for Young Scientists, an initiative of the European Commission, was set up to promote the ideals of co-operation and interchange between young scientists.

**Website:** [http://ec.europa.eu/research/youngscientists/index\\_en.cfm?pg=history](http://ec.europa.eu/research/youngscientists/index_en.cfm?pg=history)

### **2013 Innovation Prize for Africa**

The second round of the Innovation Prize for Africa (IPA), which aims to reward innovation across Africa in key sectors of interest, has been launched. The Economic Commission for Africa (ECA) expect the prize to promote among young African men and women in the pursuit of science, technology and engineering careers and business applications. The aims are to:

- Mobilize leaders from all sectors to fuel African innovation;
- Promote innovation across Africa in key sectors of interest through the competition;
- Promote science, technology and engineering as rewarding, exciting and noble career options among the youth in Africa by profiling success applicants; and
- Encourage entrepreneurs, innovators, funding bodies and business development service providers to exchange ideas and explore innovative business opportunities.

**Website:** [innovationPrizeForAfrica.org](http://innovationPrizeForAfrica.org)

### **World Summit Youth Award**

The international contest for young people using the Internet and mobiles to take action on the UN Millennium Development Goals.

**Website:** [www.youthaward.org](http://www.youthaward.org)

### **Grand Challenges Canada: Request for Proposals**

Grand Challenges Canada is pleased to announce a new initiative in its Maternal, Neonatal and Child Health grand challenge. It's called Saving Brains. Its goal is to unlock potential in children and dramatically transform lives in the developing world. The money to fund this program comes from the Development Innovation Fund. In Budget 2008, the Government of Canada committed \$225 million CAD over five years to the Development Innovation Fund, to support the best minds in the world in a collaborative search for solutions to global health challenges. For the Request for Proposals:

**Website:** [http://www.grandchallenges.ca/wp-content/uploads/2011/05/Request for Proposals-Saving Brains EN.pdf](http://www.grandchallenges.ca/wp-content/uploads/2011/05/Request%20for%20Proposals-Saving%20Brains%20EN.pdf)

### **Zayed Future Energy Prize**

The world is in desperate need of innovative solutions to create a new, sustainable energy future. No one knows who or where the next great energy solution will come from. Solutions and technologies that could change the world are being developed globally, and the \$2.2 million Zayed Future Energy Prize, managed by Masdar in Abu

Dhabi, recognizes and rewards innovation, leadership, and long-term vision in renewable energy and sustainability.

**Website:** [www.zayedfutureenergyprize.com/](http://www.zayedfutureenergyprize.com/)

#### **Philips Liveable Cities Award**

Philips is looking for individuals and community or non-government organizations and businesses with ideas for "simple solutions" that will improve people's health and well-being in a city to enter the Philips Liveable Cities Award. To help translate these ideas into reality, three Award grants totalling €125,000 are on the line. One overall winning idea from any of the three categories outlined below will receive a grant of €75,000, while the two additional ideas will receive grants of €25,000.

**Website:** <http://www.because.philips.com/livable-cities-award/about-the-award>

#### **Piramal Foundation in India**

Has established a US \$25,000 prize for ideas that help advance full access to effective public health care in India. The Piramal Prize is a \$25,000 Social Entrepreneurship Competition focused on democratizing health care in India that seeks to encourage and support bold entrepreneurial ideas which can profoundly impact access to higher standards of health for India's rural and marginalized urban communities. The award recognizes high-impact, scalable business models and innovative solutions that directly or indirectly address India's health-care crisis.

**Website:** [www.piramalprize.org](http://www.piramalprize.org)

#### **Special Award for South-South Transfer**

The aim of the award is to identify, provide visibility, and honour those who have successfully shared their projects and approaches internationally, thereby increasing the impact of the initiative. The winning practice receives US \$15,000 to further transfer the awarded practice to other communities in developing countries.

**Website:** [www.southsouthexpo.org](http://www.southsouthexpo.org)

#### **South-South Experience Exchange Facility**

Supported by Mexico, China, India, Denmark, Spain, The Netherlands, and the U.K. and now Colombia, the South-South Experience Exchange Facility is a multi-donor trust fund that promotes the idea that developing countries can learn from the successes of other developing countries in overcoming similar challenges. In the past 12 months, the trust has given out 35 grants to countries for learning activities ranging from working with at risk youth in the Caribbean to outsourcing IT services in Africa.

**Website:** [www.southsouthcases.info](http://www.southsouthcases.info)

#### **African Writers Fund**

Together with the Ford Foundation, the Fund supports the work of independent creative writers living on the continent. The Fund recognizes the vital role that poets and novelists play in Africa by anticipating and reflecting the cultural, economic and political forces that continuously shape and reshape societies.

**Website:** [http://www.trustafrika.org/index.php?option=com\\_content&task=view&id=91&Itemid=90&lang=fr](http://www.trustafrika.org/index.php?option=com_content&task=view&id=91&Itemid=90&lang=fr)

#### **Joint NAM S&T Centre - ICCS Fellowship Programme**

Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) and International Center for Chemical Sciences (ICCS), (H.E.J. Research Institute of Chemistry and Dr. Panjwani Centre for Molecular Medicine and Drug Research), University of Karachi, Karachi, Pakistan

[Click here for more information](#)

or contact: [namstct@vsnl.com](mailto:namstct@vsnl.com), [namstct@bol.net.in](mailto:namstct@bol.net.in), [apknam@gmail.com](mailto:apknam@gmail.com)

#### **PhD Plant Breeding Scholarships at the University of Ghana**

The University of Ghana ([www.ug.edu.gh](http://www.ug.edu.gh)) has been awarded a project support grant by the Alliance for a Green Revolution ([www.agra-alliance.org](http://www.agra-alliance.org)) in Africa (a joint venture between the Bill and Melinda Gates Foundation and the Rockefeller Foundation, for the establishment of a West African Centre for Crop Improvement (WACCI). This is available to scientists working at NARIs, universities and international centres in West Africa. Women scientists are especially encouraged to apply for a fellowship under this programme.

**Website:** [www.acci.org.za/Default.asp?nav=Home&idno=10](http://www.acci.org.za/Default.asp?nav=Home&idno=10)

#### **Genesis: India's Premier Social Entrepreneurship Competition**

Is a social entrepreneurship competition aiming to bring together social entrepreneurs, students, NGOs, innovators, incubators, corporations and financiers and encourage them to come up with innovative ideas which are socially relevant and feasible.

**Website:** <http://genesis.iitm.ac.in/>

## **Jobs and Careers**

#### **Weitzenegger's International Development Job Market**

**Website:** [www.weitzenegger.de/new/jobmarket.php](http://www.weitzenegger.de/new/jobmarket.php)

#### **Global Knowledge Initiative**

The Global Knowledge Initiative seeks to build global knowledge partnerships between individuals and institutions of higher education and research. It seeks to help partners access the global knowledge, technology, and human resources needed to sustain growth and achieve prosperity for all."

**Website:** [www.globalknowledgeinitiative.org/](http://www.globalknowledgeinitiative.org/)

**ExportHelp - Promoting and supporting access to the European market**

The European Commission runs a database for the explicit support of market players in developing countries who want to bring their products to the EU market. The database gives an overview on the EU's preferential trade regimes established for developing countries as well as lists all tariffs, taxes and other requirements for goods imported into the EU.

**Website:** <http://exporthelp.europa.eu>

**Development Executive Group Devex Networking Website**

Over 90,000 global experts can network and connect and learn about more than 47,000 registered projects.

**Website:** [www.devex.org](http://www.devex.org)

**Website Offers Career Advice to Young Africans**

Set up by the Commonwealth Secretariat, Africancareerguidance.com is aimed at providing career guidance to African youth and helping them to link with prospective employers. AfricaRecruit is a human resources organization that provides skills training for African professionals in the Diaspora and on the continent. The website has an inbuilt email subscriber list for all its users and offers a searchable database of career profiles for job seekers and prospective employers. It also offers skills and interest assessments and advice on CV and résumé preparation. It provides tips about interviewing techniques, as well as information on internship and volunteer opportunities, and entrepreneurial skills.

**Website:** [www.africacareerguidance.com](http://www.africacareerguidance.com)

**African Diaspora Skills Database**

This database was compiled to provide an overview of qualified African Diaspora professionals with varied areas of expertise and experience. The African Diaspora contributes substantially to the social, economic and political development of Africa, and this database is set up to further mobilize this considerable potential.

**Website:** [www.diaspora-centre.org/NEWSLETTER/Database](http://www.diaspora-centre.org/NEWSLETTER/Database)

**Aid Workers Network (AWN)**

Aid Workers Network (AWN) is an online platform for aid, relief and development workers to ask and answer questions of each other, and to exchange resources and information. AWN is registered in the United Kingdom as a charity. You will find discussions about a range of questions and issues on the AWN forum from aid, relief and development workers all over the world and representing a variety of fields, with new threads or responses posted daily. The forum is a great way to get in contact with other aid and development workers in your geographic area or working in a similar area of work.

**Website:** [www.aidworkers.net](http://www.aidworkers.net)

**Bizzlounge**

Bizzlounge is where people committed to ethical behaviour meet, who want to establish and maintain business contacts in an exclusive and relaxed environment.

**Website:** <http://bizzlounge.com>

**Business Action for Africa**

Business Action for Africa is a network of businesses and business organizations working collectively to accelerate growth and poverty reduction in Africa.

**Website:** <http://businessactionforafrica.blogspot.com>

**Business Fights Poverty**

Business Fights Poverty is a professional network for all those passionate about fighting world poverty through the power of good business.

**Website:** <http://businessfightspoverty.ning.com>

**Business in Development Network (BiD)**

The BiD Network Foundation runs the BiD Challenge to contribute to sustainable economic development by stimulating entrepreneurship in developing countries.

**Website:** [www.bidnetwork.org](http://www.bidnetwork.org)

**Zunia**

By Development Exchange, it offers news, publications and networking opportunities with the world's development community.

**Website:** [www.zunia.org](http://www.zunia.org)

**Catalogue of Poverty Networks**

UNDP is organizing an online catalogue of Poverty Networks as a means to facilitate access to knowledge and sharing this to a wider audience in 189 countries. Poverty Networks are web-based platforms that provide space for sharing and disseminating development-related information and initiatives. Below you will find information on IPC's collaborating networks, which help foster dialogue between researchers, policymakers, civil society and multilateral organizations.

**Website:** [www.undp-povertycentre.org/povnet.do](http://www.undp-povertycentre.org/povnet.do)

**Connections for Development (CfD)**

CfD is a UK, Black and Minority Ethnic (BME) led, membership based organization committed to ensuring that UK BME communities, and the organizations they are involved in, are supported in the process of shaping and

delivering policy and projects that affect their countries of origin or interest – collectively "our world".

**Website:** [www.cfdnetwork.co.uk](http://www.cfdnetwork.co.uk)

#### **Development Crossing**

Development Crossing was set up in 2006 by a small group of friends with diverse backgrounds ranging from business consulting to international development. In a world where the environment, corporate responsibility, and sustainable development are becoming increasingly intertwined, our goal was to create a site where individuals that shared our passion could keep up-to-date with relevant happenings in the world and connect with like-minded individuals. The idea behind Development Crossing is to provide a social network that brings together people from a variety of sectors, countries and professions to discuss corporate social responsibility and sustainable development.

**Website:** [www.developmentcrossing.com](http://www.developmentcrossing.com)

#### **DevelopmentAid.org**

The one-stop-information-shop for the developmental sector, DevelopmentAid.org is a membership organization that brings together information for developmental professionals, NGOs, consultancy firms and donors.

**Website:** [www.developmentaid.org](http://www.developmentaid.org)

#### **dgCommunities on the Development Gateway (Zunia.org)**

Zunia.org, a free online service by the Development Gateway Foundation is devoted to knowledge-sharing and collaboration for people working to reduce poverty in the developing world.

**Website:** <http://topics.developmentgateway.org>

#### **Diaspora African Forum**

This Forum exists "to invite and encourage the full participation of Africans in the Diaspora in the building of the African Union, in its capacity as an important part of the Continent". We will provide the vital linkage for Diaspora Africans to become involved in Africa's development as well as reap the fruits of African unity.

**Website:** [www.diasporafricanforum.org](http://www.diasporafricanforum.org)

#### **Business Planet: a new data map on Entrepreneurship**

Business Planet, an interactive Google map, now includes data on new business creation around the world. Measures of entrepreneurial activity are based on the number of total and newly registered corporations. Click on colour markers to learn more about each country.

**Website:** <http://rru.worldbank.org/businessplanet/default.aspx?pid=8>